

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

We Claim:

1. (Currently Amended) A moisture sensing system for use on a bale lifting vehicle, comprising:

one or more bale penetrating rods mounted to said bale lifting vehicle, for insertion into a bale of product;

one or more moisture sensing probes, attached to said one or more bale penetrating rods, each one or more moisture sensing probes with spaced apart electrodes for moisture sensing contact with a product in bale form;

a sensor readout mounted on said vehicle in a position visible to a vehicle driver;

wherein said one or more bale penetrating rods[[probes]] penetrate said bale and take a moisture reading when said bale lifting vehicle moves adjacent a bale, and the [[a]] vehicle driver of said bale lifting vehicle can read the moisture of said bale while driving said vehicle.

2. (Currently Amended) The moisture sensing system of claim 1 in which said ~~bale penetrating rods are the rods normally used by the vehicle to lift and move said bales, and said~~ one or more moisture sensing probes are configured for mounted retrofit mounting on bale penetrating existing rods of said bale lifting vehicle for use with the moisture sensing system.

3. (Currently Amended) The moisture sensing system of claim 1 in which [[the]]said one or more moisture sensing probes are configured to test the moisture in the center of the bale of [[hay]]product.

4. (Currently Amended) The moisture sensing system of claim 1 in which [[said]]one or more moisture sensing probes [[a]]are capable of sensing moisture as the probe is inserted into the bale, and give one or more moisture readings of the path of insertion of the probe.

5. (Canceled)

6. (Currently Amended) The moisture sensing system of claim [[5]]1 which includes a plurality of said moisture sensing probes and a moisture indicator which [[is]]displays an average of the readings of [[several]]said plurality of moisture ~~sensors~~ sensing probes.

7. (Original) The moisture sensing system of claim 1 which includes an alert set point, and an alarm, wherein a user may select a specific moisture content as the alert set point, and if any moisture readings exceed the alert set point, a signal notifies the user that the alert set point has been exceeded.

8. (Original) The moisture sensing system of claim 7 in which said alarm is a visual alarm.

9. (Original) The moisture sensing system of claim 7 in which said alarm is an audio alarm.
10. (Currently Amended) The moisture sensing system of claim 1 which includes a memory storage device, in which moisture readings operatively connected to said one or more moisture sensing probes for recording moisture readings of bales of product ~~are recorded and saved, for~~ later use.
11. (Original) The moisture sensing system of claim 10 which includes a printing device for printing out moisture content information of bales that have been sampled.
12. (Original) The moisture sensing system of claim 11 in which said printing device is configured to print a report of moisture of a selected lot of bales.
13. (Original) The moisture sensing system of claim 12 in which report lists an average moisture content for each bale in said selected lot of bales.

14. (Currently Amended) A moisture sensing system for use on a bale lifting vehicle, comprising:

one or more bale penetrating rods mounted to said vehicle, for insertion into a bale of product~~[[;]], with said one or more bale penetrating rods including at least one a plurality of~~moisture sensing probe~~[[s,]]-attached to said one or more bale penetrating rod each probe~~ with spaced apart electrodes for moisture sensing contact with a product in bale form;

a sensor readout operatively connected to at least one said moisture sensing probe and mounted on said vehicle in a position visible to a vehicle driver, for displaying moisture readings of product;

an alert set point, and an alarm operatively connected to said moisture sensing probes, wherein a user may select a moisture content as ~~[[the]]~~an alert set point, [[and]]for signaling said vehicle driver if any moisture readings exceed the alert set point,~~a signal notifies the user that the alert set point has been exceeded;~~

a memory storage device operatively connected to said moisture sensing probes, in which moisture readings of bales are recorded and saved;

a printing device operatively connected to said memory storage device for printing out moisture content information of bales that have been sampled;

wherein said bale penetrating probes penetrate said bale and take a moisture reading when said bale lifting vehicle moves adjacent a bale, and a driver of said vehicle can read the moisture of said bale while driving said vehicle and print moisture contents of tested bales.